

Attorney Docket: 381TO/41092CO  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#2/Pre A  
12/11/00  
Brow

Applicant: HIROSHI ONISHI ET AL.  
Serial No.: NOT YET ASSIGNED  
Filed: FEBRUARY 4, 2000  
Title: AUTOMATIC TRANSMISSION CONTROL SYSTEM  
FOR AN AUTOMOBILE

PRELIMINARY AMENDMENT

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

February 4, 2000

Sir:

Please enter the following amendments to the claims prior  
to the examination of the application.

IN THE CLAIMS:

Please cancel all of the claims presently in the application  
and substitute new claims 12-14 as follows:

Sub B  
--12. Control system for an automatic transmission with  
torque converter comprising:

first input torque estimating unit for estimating an  
input-torque of said automatic transmission using an engine  
torque characteristic;